

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/576,943  
Source: 1Fwp  
Date Processed by STIC: 5/4/06

***ENTERED***

## **CRF Errors Edited by the STIC Systems Branch**

Serial Number: 10/576,943

CRF Edit Date: 8/4/06  
Edited by: JR

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text “wrapped” to the next line

\_\_\_\_ **Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:**

Deleted:    invalid beginning/end-of-file text ;    page numbers

**Inserted mandatory headings/numeric identifiers, specifically:**

**Moved responses to same line as heading/numeric identifier, specifically:**

**Other:**

Revised 09/09/2003



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,943

DATE: 05/04/2006

TIME: 13:31:27

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF4\05042006\J576943.raw

4 <110> APPLICANT: Long, Li  
 5       Luqman, Mohammad  
 6       Yabannavar, Asha  
 7       Zaror, Isabel  
 9 <120> TITLE OF INVENTION: USE OF ANTAGONISTIC ANTI-CD40 ANTIBODIES  
 10      FOR TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASE  
 11      AND ORGAN TRANSPLANT REJECTION  
 13 <130> FILE REFERENCE: PP23725.001 (284072)  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/576,943  
 C--> 15 <141> CURRENT FILING DATE: 2006-04-21  
 15 <150> PRIOR APPLICATION NUMBER: 60/565,710  
 16 <151> PRIOR FILING DATE: 2004-04-27  
 18 <150> PRIOR APPLICATION NUMBER: 60/525,579  
 19 <151> PRIOR FILING DATE: 2003-11-26  
 21 <150> PRIOR APPLICATION NUMBER: 60/517,337  
 22 <151> PRIOR FILING DATE: 2003-11-04  
 24 <160> NUMBER OF SEQ ID NOS: 12  
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 720  
 30 <212> TYPE: DNA  
 31 <213> ORGANISM: Artificial Sequence  
 33 <220> FEATURE:  
 34 <223> OTHER INFORMATION: Coding sequence for light chain of CHIR-12.12  
 35      human anti-CD40 antibody  
 W--> 37 <221> NAME/KEY: CDS  
 38 <222> LOCATION: (1)...(720)  
 W--> 40 <400> 1  
 41 atg gcg ctc cct gct cag ctc ctg ggg ctg cta atg ctc tgg gtc tct   48  
 42 Met Ala Leu Pro Ala Gln Leu Leu Gly Leu Leu Met Leu Trp Val Ser  
 43       1               5               10               15  
 45 gga tcc agt ggg gat att gtg atg act cag tct cca ctc tcc ctg acc   96  
 46 Gly Ser Ser Gly Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Thr  
 47       20               25               30  
 49 gtc acc cct gga gag ccg gcc tcc atc tcc tgc agg tcc agt cag agc   144  
 50 Val Thr Pro Gly Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser  
 51       35               40               45  
 53 ctc ctg tat agt aat gga tac aac tat ttg gat tgg tac ctg cag aag   192  
 54 Leu Leu Tyr Ser Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys  
 55       50               55               60  
 57 cca ggg cag tct cca cag gtc ctg atc tct ttg ggt tct aat cgg gcc   240  
 58 Pro Gly Gln Ser Pro Gln Val Leu Ile Ser Leu Gly Ser Asn Arg Ala  
 59       65               70               75               80

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/576,943

DATE: 05/04/2006  
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Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\05042006\J576943.raw

61 tcc ggg gtc cct gac agg ttc agt ggc agt gga tca ggc aca gat ttt 288  
62 Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe  
63 85 90 95  
65 aca ctg aaa atc agc aga gtg gag gat gtt ggg gtt tat tac 336  
66 Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr  
67 100 105 110  
69 tgc atg caa gct cga caa act cca ttc act ttc ggc cct ggg acc aaa 384  
70 Cys Met Gln Ala Arg Gln Thr Pro Phe Thr Phe Gly Pro Gly Thr Lys  
71 115 120 125  
73 gtg gat atc aga cga act gtg gct gca cca tct gtc ttc atc ttc ccg 432  
74 Val Asp Ile Arg Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro  
75 130 135 140  
77 cca tct gat gag cag ttg aaa tct gga act gcc tct gtt gtg tgc ctg 480  
78 Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu  
79 145 150 155 160  
81 ctg aat aac ttc tat ccc aga gag gcc aaa gta cag tgg aag gtg gat 528  
82 Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp  
83 165 170 175  
85 aac gcc ctc caa tcg ggt aac tcc cag gag agt gtc aca gag cag gac 576  
86 Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp  
87 180 185 190  
89 agc aag gac agc acc tac agc ctc agc agc acc ctg acg ctg agc aaa 624  
90 Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys  
91 195 200 205  
93 gca gac tac gag aaa cac aaa gtc tac gcc tgc gaa gtc acc cat cag 672  
94 Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln  
95 210 215 220  
97 ggc ctg agc tcg ccc gtc aca aag agc ttc aac agg gga gag tgt tag 720  
98 Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys \*  
99 225 230 235

103 <210> SEQ ID NO: 2

104 <211> LENGTH: 239

105 <212> TYPE: PRT

106 <213> ORGANISM: Artificial Sequence

108 <220> FEATURE:

109 <223> OTHER INFORMATION: Light chain of CHIR-12.12 human anti-CD40 antibody

111 <400> SEQUENCE: 2

112 Met Ala Leu Pro Ala Gln Leu Leu Gly Leu Leu Met Leu Trp Val Ser  
113 1 5 10 15  
114 Gly Ser Ser Gly Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Thr  
115 20 25 30  
116 Val Thr Pro Gly Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser  
117 35 40 45  
118 Leu Leu Tyr Ser Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys  
119 50 55 60  
120 Pro Gly Gln Ser Pro Gln Val Leu Ile Ser Leu Gly Ser Asn Arg Ala  
121 65 70 75 80  
122 Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe  
123 85 90 95

RAW SEQUENCE LISTING DATE: 05/04/2006  
PATENT APPLICATION: US/10/576,943 TIME: 13:31:27

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\05042006\J576943.raw

124 Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr  
 125 100 105 110  
 126 Cys Met Gln Ala Arg Gln Thr Pro Phe Thr Phe Gly Pro Gly Thr Lys  
 127 115 120 125  
 128 Val Asp Ile Arg Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro  
 129 130 135 140  
 130 Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu  
 131 145 150 155 160  
 132 Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp  
 133 165 170 175  
 134 Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp  
 135 180 185 190  
 136 Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys  
 137 195 200 205  
 138 Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln  
 139 210 215 220  
 140 Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys  
 141 225 230 235  
 144 <210> SEQ ID NO: 3  
 145 <211> LENGTH: 2016  
 146 <212> TYPE: DNA  
 147 <213> ORGANISM: Artificial Sequence  
 149 <220> FEATURE:  
 150 <223> OTHER INFORMATION: Coding sequence for heavy chain of CHIR-12.12  
 151 human anti-CD40 antibody (with introns)  
 153 <400> SEQUENCE: 3  
 154 atggagtttg ggctgagctg ggttttcctt gttgctatcc taagagggtgt ccagtgtcag 60  
 155 gtgcagttgg tggagtctgg gggaggcgtg gtcccagcctg ggaggtccct gagactctcc 120  
 156 tgcgcagccct ctggattcac cttcactgtc tatggcatgc actgggtccg ccaggctcca 180  
 157 ggcaaggggc tggagtgggt ggcagttata tcatatgagg aaagtaatag ataccatgca 240  
 158 gactccgtga agggccgatt caccatctcc agagacaatt ccaagatcac gctgtatctg 300  
 159 caaatgaaca gcctcagaac tgaggacacg gctgtgtatt actgtgcgag agatgggggt 360  
 160 atagcagcac ctggccctga ctactggggc caggaaaccc tggtcaccgt ctcctcagca 420  
 161 agtacccaagg gcccattccgt cttccccctg gcccggctta gcaagagcac ctctggggc 480  
 162 acagggcccc tgggctgccc ggtcaaggac tacttccccg aaccgggtac ggtgtcggtg 540  
 163 aactcaggcg ccctgaccag cggcgtgcac accttccccg ctgtcctaca gtcctcagga 600  
 164 ctctactccc tcagcagcgt ggtgaccgtg ccctccagca gcttggcac ccagaccc 660  
 165 atctgcaacg tgaatcacaa gcccagcaac accaagggtgg acaagagagt tggtgagagg 720  
 166 ccagcacagg gagggagggt gtctgctgg a gcccggctc agcgtcctg cctggacgca 780  
 167 tcccggtat gcagtccccg tccaggcccg caaggcaggc cccgtctgcc ttttaccccg 840  
 168 gaggcctctg cccggcccaac tcatgctcag ggagagggtc ttctggcttt ttccccagc 900  
 169 tctggcagg cacaggctag gtccccctaa cccaggccct gcacacaaag gggcagggtc 960  
 170 tgggctcaga cctgccaaga gcccattatcc ggaggaccc gcccctgacc taagcccacc 1020  
 171 ccaaaggcca aactctccac tccctcagct cggacaccc ttcttccccc agatcccaat 1080  
 172 aactcccaat ttctctctg cagagccaa atcttgtac aaaactcaca catgcccacc 1140  
 173 gtgcccaagg aagccagccc aggcctcgcc ctccagctca agggcgggaca ggtgccctag 1200  
 174 agtagcctgc atccaggac agggccccagc cgggtgtca cacgtccacc tccatcttt 1260  
 175 cctcagcacc tgaactcctg gggggaccgt cagtcttctt ctccccccca aaacccaagg 1320  
 176 acacccctcat gatctcccq acccctgagg tcacatgcgt ggtggtgac gtgagccac 1380

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,943

DATE: 05/04/2006

TIME: 13:31:27

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05042006\J576943.raw

177 aagaccctga ggtcaaggta aactggta cg tggacggcg gt ggagggtgc aatgccaaga 1440  
 178 caaagccgctg ggaggaggcag tacaacagca cgtaccgtgt ggtcagcgctc ctcaccgtcc 1500  
 179 tgcaccaggta ctggctgaat ggcaaggagt acaagtgc aa ggtctccaac aaagccctcc 1560  
 180 cagccccat cgagaaaaacc atctccaaag ccaaagggtgg gacccgtggg gtgcgagggc 1620  
 181 cacatggaca gaggccggct cggcccaccc tctggccctga gagtgaccgc tgatccaacc 1680  
 182 tctgtcccta cagggcagcc cccgagaacca cagggtgtaca ccctggccccc atccccggag 1740  
 183 gagatgacca agaaccaggta cgcctgacc tgcctggta aaggcttcta tcccagcgac 1800  
 184 atcgccgtgg agtgggagag caatggcag cccggagaaca actacaagac cacgcctccc 1860  
 185 gtgctggact cgcacggctc ctttccctc tatagcaagc tcaccgtgga caagagcagg 1920  
 186 tggcagcagg ggaacgtctc ctcatgtcc gtgatgcattt aggctctgca caaccactac 1980  
 187 acgcagaaga gccttcctc gtctccgggt aaatga 2016

189 <210> SEQ ID NO: 4  
 190 <211> LENGTH: 469  
 191 <212> TYPE: PRT  
 192 <213> ORGANISM: Artificial Sequence  
 194 <220> FEATURE:  
 195 <223> OTHER INFORMATION: Heavy chain of CHIR-12.12 human anti-CD40 antibody  
 197 <400> SEQUENCE: 4

198 Met Glu Phe Gly Leu Ser Trp Val Phe Leu Val Ala Ile Leu Arg Gly  
 199 1 5 10 15  
 200 Val Gln Cys Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln  
 201 20 25 30  
 202 Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe  
 203 35 40 45  
 204 Ser Ser Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu  
 205 50 55 60  
 206 Glu Trp Val Ala Val Ile Ser Tyr Glu Glu Ser Asn Arg Tyr His Ala  
 207 65 70 75 80  
 208 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Ile  
 209 85 90 95  
 210 Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Thr Glu Asp Thr Ala Val  
 211 100 105 110  
 212 Tyr Tyr Cys Ala Arg Asp Gly Gly Ile Ala Ala Pro Gly Pro Asp Tyr  
 213 115 120 125  
 214 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly  
 215 130 135 140  
 216 Pro Ser Val Phe Pro Leu Ala Pro Ala Ser Lys Ser Thr Ser Gly Gly  
 217 145 150 155 160  
 218 Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val  
 219 165 170 175  
 220 Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe  
 221 180 185 190  
 222 Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val  
 223 195 200 205  
 224 Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val  
 225 210 215 220  
 226 Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val Glu Pro Lys  
 227 225 230 235 240  
 228 Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/576,943DATE: 05/04/2006  
TIME: 13:31:27Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\05042006\J576943.raw

229	245	250	255		
230	Leu	Gly	Gly		
	Pro	Ser	Val		
	Phe	Leu	Phe		
	Pro	Pro	Lys		
	Pro	Lys	Asp		
	Thr				
231	260	265	270		
232	Leu	Met	Ile		
	Ser	Arg	Thr		
	Pro	Glu	Val		
	Thr	Cys	Val		
	Val	Val	Val		
	Asp	Asp	Val		
233	275	280	285		
234	Ser	His	Glu		
	Asp	Pro	Glu		
	Val	Lys	Phe		
	Asn	Trp	Tyr		
	Trp	Tyr	Val		
	Asp	Gly	Val		
235	290	295	300		
236	Glu	Val	His		
	Asn	Ala	Lys		
	Thr	Lys	Pro		
	Arg	Glu	Glu		
	Gln	Tyr	Asn		
	Ser	Asn	Ser		
237	305	310	315		
	315		320		
238	Thr	Tyr	Arg		
	Val	Val	Ser		
	Val	Leu	Thr		
	Val	Leu	His		
	Asp	Gln	Asp		
	Trp		Leu		
239	325	330	335		
240	Asn	Gly	Lys		
	Glu	Tyr	Lys		
	Cys	Lys	Val		
	Ser	Asn	Lys		
	Ala	Leu	Pro		
241	340	345	350		
242	Pro	Ile	Glu		
	Lys	Thr	Ile		
	Ser	Lys	Ala		
	Ala	Lys	Gly		
	Gln	Pro	Arg		
	Glu	Arg	Glu		
243	355	360	365		
244	Gln	Val	Tyr		
	Tyr	Thr	Leu		
	Leu	Pro	Pro		
	Ser	Arg	Glu		
	Glu	Met	Thr		
	Met	Thr	Lys		
245	370	375	380		
246	Val	Ser	Leu		
	Thr	Cys	Leu		
	Val	Lys	Gly		
	Phe	Tyr	Pro		
	Ser	Asp	Ile		
247	385	390	395		
	395		400		
248	Val	Glu	Trp		
	Glu	Ser	Asn		
	Gly	Gln	Pro		
	Pro	Glu	Asn		
	Asn	Tyr	Thr		
249	405	410	415		
250	Pro	Pro	Val		
	Leu	Asp	Ser		
	Asp	Gly	Ser		
	Phe	Phe	Leu		
	Tyr	Ser	Lys		
251	420	425	430		
252	Thr	Val	Asp		
	Lys	Ser	Arg		
	Trp	Gln	Gln		
	Gly	Asn	Val		
	Phe	Ser	Cys		
253	435	440	445		
254	Val	Met	His		
	Glu	Ala	Leu		
	His	Asn	His		
	Tyr	Thr	Gln		
	Thr	Gln	Lys		
	Ser	Leu	Ser		
255	450	455	460		
256	Leu	Ser	Pro		
	Gly	Lys			
257	465				
260	<210>	SEQ	ID	NO:	5
261	<211>	LENGTH:	469		
262	<212>	TYPE:	PRT		
263	<213>	ORGANISM:	Artificial Sequence		
265	<220>	FEATURE:			
266	<223>	OTHER INFORMATION:	Heavy chain of variant of CHIR-12.12 human		
267		anti-CD40 antibody			
269	<400>	SEQUENCE:	5		
270	Met	Glu	Phe	Gly	
	Leu	Ser	Trp	Val	Phe
				Leu	Val
				Ala	Ile
				Leu	Arg
				Gly	
271	1	5	10	15	
272	Val	Gln	Cys	Gln	
	Val	Gln	Val	Gln	
	Leu	Val	Glu	Ser	Gly
			Gly	Gly	
			Gly	Val	
			Val	Gln	
273	20	25	30		
274	Pro	Gly	Arg	Ser	
	Leu	Arg	Leu	Ser	
			Cys	Ala	
			Ala	Ser	
			Gly	Phe	
275	35	40	45		
276	Ser	Ser	Tyr	Gly	
	Met	His	Trp	Val	
			Arg	Gln	
			Ala	Pro	
			Gly	Lys	
			Gly	Leu	
277	50	55	60		
278	Glu	Trp	Val	Ala	
	Ala	Val	Ile	Ser	
			Tyr	Glu	
			Glu	Ser	
			Asn	Arg	
			Tyr	His	
			Ala		
279	65	70	75	80	
280	Asp	Ser	Val	Lys	
	Gly	Arg	Phe	Thr	
			Ile	Ser	
			Arg	Asp	
			Asn	Ser	
			Lys	Ile	
281	85	90	95		

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,943

DATE: 05/04/2006

TIME: 13:31:28

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05042006\J576943.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:37 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:40 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:529 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:630 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11

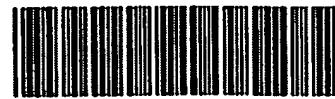
RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/576,943

DATE: 05/03/2006  
TIME: 11:20:22

Input Set : A:\seqlst.txt  
Output Set: N:\CRF4\05032006\J576943.raw

726 Phe Gly Val Lys Gln Ile Ala Thr Gly Val Ser Asp Thr Ile Cys Glu  
727 130 135 140  
728 Pro Cys Pro Val Gly Phe Phe Ser Asn Val Ser Ser Ala Phe Glu Lys  
729 145 150 155 160  
730 Cys His Pro Trp Thr Ser Cys Glu Thr Lys Asp Leu Val Val Gln Gln  
731 165 170 175  
732 Ala Gly Thr Asn Lys Thr Asp Val Val Cys Gly Pro Gln Asp Arg Leu  
733 180 185 190  
734 Arg Ala Leu Val Val Ile Pro Ile Ile Phe Gly Ile Leu Phe Ala Ile  
735 195 200 205  
736 Leu Leu Val Leu Val Phe Ile Lys Lys Val Ala Lys Lys Pro Thr Asn  
737 210 215 220  
738 Lys Ala Pro His Pro Lys Gln Glu Pro Gln Glu Ile Asn Phe Pro Asp  
739 225 230 235 240  
740 Asp Leu Pro Gly Ser Asn Thr Ala Ala Pro Val Gln Glu Thr Leu His  
741 245 250 255  
742 Gly Cys Gln Pro Val Thr Gln Glu Asp Gly Lys Glu Ser Arg Ile Ser  
743 260 265 270  
744 Val Gln Glu Arg Gln  
745 275

E--> 747 12  
753 RTA01/2168245v1



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,943

DATE: 05/03/2006

TIME: 11:20:22

Input Set : A:\seqlst.txt  
 Output Set: N:\CRF4\05032006\J576943.raw

4 <110> APPLICANT: Long, Li  
 5       Luqman, Mohammad  
 6       Yabannavar, Asha  
 7       Zaror, Isabel  
 9 <120> TITLE OF INVENTION: USE OF ANTAGONISTIC ANTI-CD40 ANTIBODIES  
 10      FOR TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASE  
 11      AND ORGAN TRANSPLANT REJECTION  
 13 <130> FILE REFERENCE: PP23725.001 (284072)  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/576,943  
 C--> 15 <141> CURRENT FILING DATE: 2006-04-21  
 15 <150> PRIOR APPLICATION NUMBER: 60/565,710  
 16 <151> PRIOR FILING DATE: 2004-04-27  
 18 <150> PRIOR APPLICATION NUMBER: 60/525,579  
 19 <151> PRIOR FILING DATE: 2003-11-26  
 21 <150> PRIOR APPLICATION NUMBER: 60/517,337  
 22 <151> PRIOR FILING DATE: 2003-11-04  
 24 <160> NUMBER OF SEQ ID NOS: 12  
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0

*Does Not Comply  
 Corrected Diskette Needed*

## ERRORED SEQUENCES

704 <210> SEQ ID NO: 12  
 705 <211> LENGTH: 277  
 706 <212> TYPE: PRT  
 707 <213> ORGANISM: Homo sapiens  
 709 <400> SEQUENCE: 12  
 710 Met Val Arg Leu Pro Leu Gln Cys Val Leu Trp Gly Cys Leu Leu Thr  
 711       1                   5                   10                   15  
 712 Ala Val His Pro Glu Pro Pro Thr Ala Cys Arg Glu Lys Gln Tyr Leu  
 713       20                   25                   30  
 714 Ile Asn Ser Gln Cys Cys Ser Leu Cys Gln Pro Gly Gln Lys Leu Val  
 715       35                   40                   45  
 716 Ser Asp Cys Thr Glu Phe Thr Glu Thr Glu Cys Leu Pro Cys Gly Glu  
 717       50                   55                   60  
 718 Ser Glu Phe Leu Asp Thr Trp Asn Arg Glu Thr His Cys His Gln His  
 719       65                   70                   75                   80  
 720 Lys Tyr Cys Asp Pro Asn Leu Gly Leu Arg Val Gln Gln Lys Gly Thr  
 721       85                   90                   95  
 722 Ser Glu Thr Asp Thr Ile Cys Thr Cys Glu Glu Gly Trp His Cys Thr  
 723       100                   105                   110  
 724 Ser Glu Ala Cys Glu Ser Cys Val Leu His Arg Ser Cys Ser Pro Gly  
 725       115                   120                   125

*RJ*

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/576,943

DATE: 05/03/2006

TIME: 11:20:23

Input Set : A:\seqlst.txt

Output Set: N:\CRF4\05032006\J576943.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:37 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:40 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:529 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
L:630 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
L:747 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12